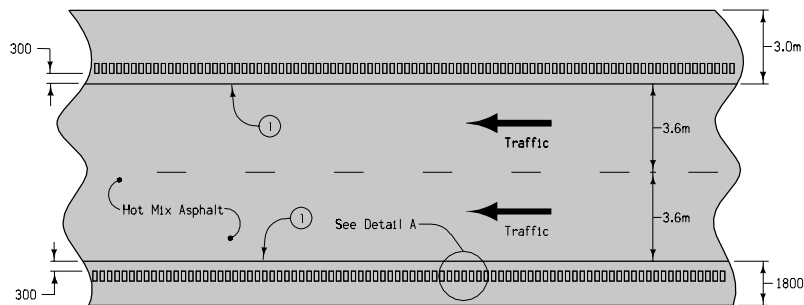
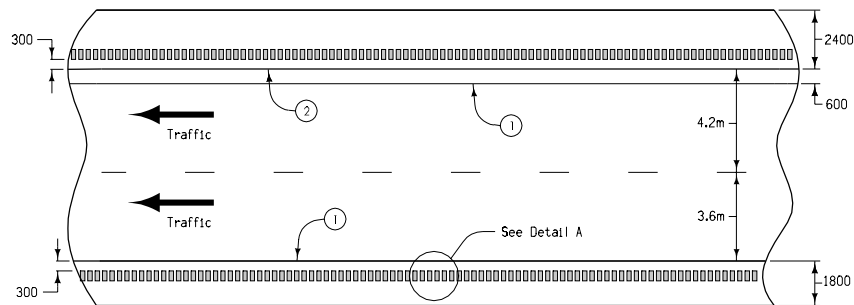


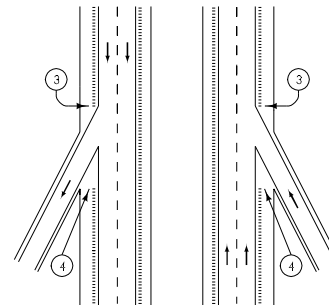
**TYPICAL PLAN**  
(PCC LANES WITH HMA SHOULDERS)



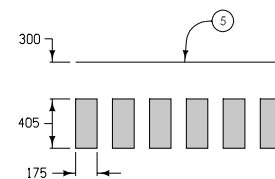
**TYPICAL PLAN**  
(HMA LANES WITH HMA SHOULDERS)



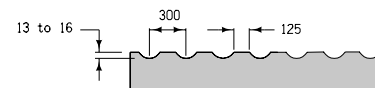
**TYPICAL PLAN**  
(PCC LANES WITH PCC SHOULDERS)



**RAMPS AND LOOPS**



**DETAIL A**  
**PLAN VIEW**



**DETAIL A**  
**PROFILE VIEW**

**GENERAL NOTES:**

Contract items are:  
Milled Shoulder Rumble Strips, HMA Surf.  
Milled Shoulder Rumble Strips, PCC Surf.

- ① Painted edge line.
- ② Edge of pavement.
- ③ End rumble strip at lone taper.
- ④ End rumble strip at gore area.
- ⑤ Painted edge line (HMA) or edge of pavement (PCC).

All dimensions given in millimeters unless noted.

<b>M</b> <b>METRIC VERSION</b>	<b>Iowa Department of Transportation</b> Highway Division		
	<b>STANDARD ROAD PLAN</b>		<b>RH-61</b>
	REVISION: NEW		REVISION NO. New
	<i>William J. Sten</i> APPROVED BY DESIGN METHODS ENGINEER		REVISION DATE 04-15-03
	<b>SHOULDER RUMBLE STRIPS</b> (Interstates)		